



Attorney Docket No.  
2078-3-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jin-Koo Rhee et al.

Serial No: 09/755,436

Filed: January 4, 2001

For: TRANSISTOR WITH  $\pi$  GATE  
STRUCTURE AND METHOD FOR  
PRODUCING THE SAME

Art Unit: 2827  
Examiner: Luan C. Thai

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents  
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Name  
*Amit Sheth* 01/ 2 /03  
Signature Date

**AMENDMENT**

Box Non-Fee  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated October 4, 2002, in connection with the above-identified application, please enter and consider the following amendments and remarks.

**IN THE ABSTRACT:**

Please substitute the abstract of the disclosure originally filed with the present application with the substitute abstract attached hereto.

**IN THE CLAIMS:**

Please amend claim 1 and add new claims 3-6 as follows:

Please substitute the claims listed below for the pending claims with the same number:

**Marked-Up Claim:**

1. (Amended) A transistor [with  $\pi$  - gate structure, with a GaAs wafer formed on the bottom with GND, which is grounded to source layers formed on the top surface of the GaAs wafer by the process of back side via-hole, with a drain formed between the source layers, the top part of which has an air-layer, and with a gate shaped, as the result of using the air bridge

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